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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete if Known	
Application Number	10/556,220
Filing Date	May 7, 2004
First Named Inventor	Craig B. Thompson
Art Unit	1614
Examiner Name	To Be Determined
Attorney Docket Number	UPN0012-100

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,447,954	09-05-1999	Gribble, et al.	
	AB	US-6,414,002	07-02-2002	Cheng, et al.	
	AC	US-6,727,271	04-27-2004	Cheng	
	AD	US-6,919,358	07-19-2005	Cheng	
	AE	US-5,447,954	09-05-1995	Gribble	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date/Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

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Sheet 2 of 5

Complete if Known	
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Filing Date	May 7, 2004
First Named Inventor	Craig B. Thompson
Art Unit	1614
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Attorney Docket Number	UPN0012-100

NON PATENT LITERATURE DOCUMENTS

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	AF	Barth, C., et al "Inhibition of cholesterol synthesis by (-)-hydroxycitrate in perfused rat liver. Evidence for an extramitochondrial mevalonate synthesis from acetyl coenzyme A," *FEBS LETT.* (1972) 22(3):343-346.	
	AG	Benjamin, W.B., et al. "ATP citrate-lyase and glycogen synthase kinase-3 beta in 3T3-L1 cells during differentiation into adipocytes." *Biochem J.* (1994) 300(Pt 2):477-482.	
	AH	Berkhout, T.A., et al. "The effect of (-)-hydroxycitrate on the activity of the low-density-lipoprotein receptor and 3-hydroxy-3-methylglutaryl-CoA reductase levels in the human hepatoma cell line Hep G2," *Biochem J.* (1990) 272(1):181-6.	
	AI	Berwick, D.C., et al. "The identification of ATP-citrate lyase as a protein kinase B (Akt) substrate in primary adipocytes," *J.Biol Chem* (2002) 277(37):33895-900.	
	AJ	Borgelt et al., "The palliation of brain metastases: Final results of the first two studies by the Radiation Therapy Oncology Group." *Int J. Radiat Oncol Biol Phys* (1980) 6(1):1-9.	
	AK	Czernin, J. "Clinical applications of FDG-PET in oncology." *Acta Medica Austriaca* (2002) 29(5):162-70.	
	AL	Dolle, R.E., "ATP-citrate lyase as a target for hypolipidemic intervention. Sulfoximine and 3-hydroxy-beta-lactam containing analogues of citric acid as potential tight-binding inhibitors," *J. Med Chem,* (1992) 35(26):4875-4884.	
	AM	Dolle, R.E., et al. "Synthesis of novel thiol-containing citric acid analogues. Kinetic evaluation of these and other potential active-site-directed and mechanism-based inhibitors of ATP citrate lyase," *J. Med Chem.* (1995) 38(3):537-543.	
	AN	Elshourbagy, N. A., et al "Rat ATP citrate-lyase. Molecular cloning and sequence analysis of a full-length cDNA and mRNA abundance as a function of diet, organ, and age," *J. Biol Chem* (1990) 265(3):1430-435.	
	AO	Elshourbagy, N.A., et al. "Cloning and expression of a human ATP-citrate lyase Cdna," *Eur J Biochem.* (1992) 204(2):491-499.	
	AP	Fang, M. et al., "Citrate and the conversion of carbohydrate into fat. The regulation of fatty acid synthesis by rat liver extracts," *Biochem J.* (1967) 105(2):803-11.	
	AQ	Frauwirth, K.A., et al., "The CD28 signaling pathway regulates glucose metabolism," *Immunity* (2002) 16(6):769-777.	
	AR	Fukuda, H. et al. "Regulation of ATP citrate-lyase gene expression in hepatocytes and adipocytes in normal and genetically obese rats." *J. Biochem (Tokyo)* (1999) 126(2):437-444.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 5

Complete if Known	
Application Number	10/556,220
Filing Date	May 7, 2004
First Named Inventor	Craig B. Thompson
Art Unit	1614
Examiner Name	To Be Determined
Attorney Docket Number	UPN0012-100

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	AS	Gribble, A. D., et al. "ATP-citrate lyase as a target for hypolipidemic intervention. Design and synthesis of 2-substituted butanedioic acids as novel, potent inhibitors of the enzyme." *J. Med. Chem.* (1996) 39(18):3569-3584.	
	AT	Gribble, A.D., et al. "ATP-Citrate lyase as a target for hypolipidemic intervention. 2. Synthesis and evaluation of (3R,5S)-omega-substituted-3-carboxy-3, 5-dihydroxyalkanoic acids and their gamma-lactone prodrugs as inhibitors of the enzyme in vitro and in vivo. " *J. Med Chem.* (1998) 41(19):3582-3595.	
	AU	Hoffman GE, et al. "Properties and organ distribution of ATP citrate (pro-3S)-lyase." *Biochim Biophys Acta* (1980) 620(1):151-8	
	AV	Inoue, H., et al. "Dietary response of the hepatic citrate-cleavage enzyme in hypophysectomized rats " *J Biol Chem.*, 60:93-5, 1966.	
	AW	Barrow, CJ, et al. "Antimycins, inhibitors of ATP-citrate lyase, from a Streptomyces sp,"*Journal of Antibiotics,* (1997) 50(9):729-33	
	AX	Kaplan et al, "Purification and characterization of the reconstitutively active tricarboxylate transporter from rat liver mitochondria." *J. Biol Chem.* (1990) 265(22):13379-85.	
	AY	Law D et al. "Citrate transport in proximal cell line," *Am J. Physiol* (1992) 263(1 Pt 1):C220-5.	
	AZ	Lowenstein, J. M. "Effect of (-)-hydroxycitrate on fatty acid synthesis by rat liver in vivo." *J Biol Chem,* (1971) 246(3):629-32.	
	BA	Morikawa, J., et al., "Molecular cloning of novel mouse and human putative citrate lyase beta-subunit." *Biochem Biophys Res Commun* (2001) 289(5):1282-6.	
	BB	Paradies G. et al., "Enhanced activity of the tricarboxylate carrier and modification of lipids in hepatic *mitochondria* from hyperthyroid rats," *Arch Biochem Biophys* (1990) 278(2):425-30	
	BC	Pearce, N. J., et al., "The role of ATP citrate-lyase in the metabolic regulation of plasma lipids. Hypolipidaemic effects of SB-204990, a lactone prodrug of the potent ATP citrate-lyase inhibitor SB-201076." *Biochem J* (1998) 334(Pt 1):113-9.	
	BD	Plas, D. R., et al., "Akt and Bcl-xL promote growth factor-independent survival through distinct effects on mitochondrial physiology," *J Biol. Chem.* (2001) 276(15):12041-8.	
	BE	Saxty, B. A., et al., "Synthesis and evaluation of (+) and (-)-2,2-difluorocitrate as inhibitors of rat-liver ATP-citrate lyase and porcine-heart aconitase," *Eur J. Biochem.* (1991) 202(3):889-96.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 5

Complete if Known	
Application Number	10/556,220
Filing Date	May 7, 2004
First Named Inventor	Craig B. Thompson
Art Unit	1614
Examiner Name	To Be Determined
Attorney Docket Number	UPN0012-100

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	BF	Simpson J.R., et al "Influence of location and extent of surgical resection on survival of patients with glioblastoma multiforme: results of three consecutive Radiation Therapy Oncology Group (RTOG) clinical trials." *Int J. Radiat Oncol Biol Phys* (1993) 26(2):239-44.	
	BG	Stipani, I et al. "Purification of the active mitochondrial tricarboxylate carrier by hydroxylapatite chromatography." *FEBS Lett* (1983) 161(2):269-74.	
	BH	Sullivan, A. C., et al "Effect of (-)-hydroxycitrate upon the accumulation of lipid in the rat. II. Appetite." *Lipids* (1974) 9(2):129-34.	
	BI	Sullivan, A. C., et al. "Effect of (-)-hydroxycitrate upon the accumulation of lipid in the rat. I. Lipogenesis." *Lipids* (1974) 9(2):121-8.	
	BJ	Sullivan AC, et al. "Reactivity and inhibitor potential of hydroxycitrate isomers with citrate synthase, citrate lyase, and ATP citrate lyase." *J Biol Chem* (1977) 252(21):7583-90.	
	BK	Sullivan, A. C., "(--)-threo-Chlorocitric acid: a novel anorectic agent." *Pharmacol Biochem Behav,* (1981) 15(2):303-10.	
	BL	Szutowicz A., et al., "Effect of (-)hydroxycitrate on the activities of ATP citrate lyase and the enzymes of acetyl-CoA metabolism in rat brain," *Acta Biochim Pol* (1976) 23(2-3):227-34.	
	BM	Vander Heiden, M. G., et al., "Bcl-xL regulates the membrane potential and volume homeostasis of mitochondria." *Cell,* (1997) 91(5):627-37.	
	BN	Vander Heiden, M. G., et al., "Growth factors can influence cell growth and survival through effects on glucose metabolism." *Mol Cell Biol* (2001) 21(17):5899-5912.	
	BO	Warburg and Negelein, [Uber das Absorptionsspektrum des Atmungsforments], *Biochemische Zeitschrift* (1929), 214, 64-100.	
	BP	Watson, J. A., et al. "Citrate and the conversion of carbohydrate into fat. Fatty acid synthesis by a combination of cytoplasm and mitochondria." *J. Biol Chem,* (1970) 245(22):5993-6002.	
	BQ	Zara V et al., "Purification and characterization of the tricarboxylate carrier from eel liver mitochondria," *Biochem Biophys Res Commun* (1996) 223(3):508-13.	
	*BR	Perez et al., Principles and Practice of Radiation Oncology, 2nd Ed, JB Kippincott Co, Phila (1992).	

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	BS	Database Caplus on STN DN 128:290070, Van Vlijmen et al., *Arzneimittel-Forschung* (1998) 48(4):396-402, Abstract.	
	BT	Database Caplus on STN, Hildebrandt et al., *Am J Physiol Cell Physiol* (1995) 269/1, 38-1 (C22-C27), Abstract.	

Examiner Signature	/Charlesworth Rae/	Date Considered	01/29/2009

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